



ABSTRACT OF THE DISCLOSURE

An image-capturing device includes: a plurality of photoelectric conversion elements that are two-dimensionally arrayed; a charge transfer circuit that transfers electrical charges from the photoelectric conversion elements; and an amplifier that is connected to an end of the charge transfer circuit along a direction of charge transfer, converts an electrical charge into voltage, and amplifies the voltage, and at least the photoelectric conversion elements, the charge transfer circuit and the amplifier are provided on a single semiconductor substrate. And the image-capturing device further includes an amplifier power control circuit that controls power to the amplifier in conformance to a control signal provided from outside.